

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 5 and 11-17 and ADD new claim 18 in accordance with the following:

1. (CURRENTLY AMENDED) A portable terminal remote control method of remotely controlling a portable terminal from an external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium, the method comprising:

accepting a request by said external device related to a change of setting in said portable terminal from a user of said portable terminal via the wireless communication link; and

sending a setting changing mail, by said external device to said portable terminal, in response to the accepted request, and

wherein the setting changing mail includes a computer program that collectively changes contents of the built-in memory and the storage medium of the portable terminal, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is configured to execute a different function.

2. (CANCELLED)

3. (PREVIOUSLY PRESENTED) The portable terminal remote control method according to claim 1, wherein the sending of the setting changing mail includes, upon acceptance of the request related to the change of setting in said portable terminal, generating the setting changing mail containing a computer program suitable to the received request.

4. (PREVIOUSLY PRESENTED) The portable terminal remote control method according to claim 3, further comprising:

upon acceptance of the request related to the change of setting in said portable terminal from the user of said portable terminal, checking whether or not the user is an authorized user, and generating the setting changing mail only when the user is the authorized user.

5. (CURRENTLY AMENDED) A portable terminal remote control method of remotely controlling a portable terminal from an external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium, the method comprising:

receiving a setting changing mail sent from said external device in said portable terminal, via the wireless communication link, the setting changing mail including a computer program that collectively changes contents of the built-in memory and the storage medium of the portable terminal, and a setting changing identifier that identifies the setting changing mail;

identifying the setting changing mail based on the setting changing identifier; and

collectively updating the contents of said built-in memory and said storage medium based on content of the received setting changing mail such that said portable terminal is configured to execute a different function.

6. (CANCELLED)

7. (PREVIOUSLY PRESENTED) The portable terminal remote control method according to claim 5,

wherein said storage medium comprises an IC card or a subscriber identity module card issued by a communication provider, each provided with a processor and a memory so that in the collectively updating of the contents, said main body has a processor that updates the contents of said built-in memory by executing the computer program contained in said setting changing mail, and said IC card or subscriber identity module card is updated by a processor-to-processor communication between the processor in said main body and the processor in said IC card or in said subscriber identity module card.

8. (PREVIOUSLY PRESENTED) The portable terminal remote control method according to claim 5 further comprising:

storing the received setting changing mail in said built-in memory; and

when said storage medium is replaced with another storage medium, updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in memory.

9. (PREVIOUSLY PRESENTED) The portable terminal remote control method according to claim 5 further comprising:

storing the received setting changing mail in said storage medium; and

when said storage medium is inserted into a main body of another portable terminal, updating contents in a built-in memory of said main body of the other portable terminal by running the computer program contained in the setting changing mail stored in said storage medium.

10. (CANCELLED)

11. (CURRENTLY AMENDED) A portable terminal remote control system, comprising:

an external device and a portable terminal, and the external device being capable of remotely controlling said portable terminal from said external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium,

wherein said external device has includes

an accepting unit which accepts a request related to a change of setting in said portable terminal from a user of said portable terminal via the wireless communication link; and

a setting changing mail sending unit which sends a setting changing mail, to said portable terminal, in response to the accepted request, and

wherein the setting changing mail includes a computer program that collectively changes contents of the built-in memory and the storage medium of the portable terminal, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is configured to execute a different function.

12. (CURRENTLY AMENDED) A computer-readable recording medium, in which a portable terminal remote control program is recorded, to allow an external device to remotely control a portable terminal having a main body provided with a built-in memory and an attachable/detachable storage medium, by recording a portable terminal remote control program to have a computer carry out:

accepting a request by said external device related to a change of setting in said portable terminal from a user of said portable terminal via a wireless communication link; and

sending a setting changing mail, by said external device to said portable terminal, in response to the accepted request, and

wherein the setting changing mail includes a computer program that collectively changes contents of the built-in memory and the storage medium of the portable terminal, and a setting changing identifier that identifies the setting changing mail such that said portable terminal is

configured to execute a different function.

13. (CURRENTLY AMENDED) A portable terminal remote control system, comprising:

an external device and a portable terminal, the external device being capable of remotely controlling said portable terminal from said external device via a wireless communication link, said portable terminal having a main body provided with a built-in memory, and an attachable/detachable storage medium,

wherein said portable terminal has a setting changing mail receiving unit which receives a setting changing mail sent from said external device via the wireless communication link, the setting changing mail including a computer program that collectively changes contents of the built-in memory and the storage medium of the portable terminal, and a setting changing identifier that identifies the setting changing mail;

an identifying unit which identifies the setting changing mail based on the setting changing identifier; and

an updating unit which collectively updates the contents of said built-in memory and said storage medium based on content of the received setting changing mail such that said portable terminal is configured to execute a different function.

14. (CURRENTLY AMENDED) A portable terminal control method of remotely controlling a portable terminal via a wireless communication link, the portable terminal having a built-in memory, and a removable storage unit, the method comprising:

accepting a request from the portable terminal related to a change of setting in the portable terminal; and

sending mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal, responsive to the accepted request, the program code changing settings stored in both of the built-in memory and the removable storage unit according to contents of the program code such that said portable terminal is configured to execute a different function.

15. (CURRENTLY AMENDED) A portable terminal remote control system to remotely control a portable terminal via a wireless communication link, the portable terminal having a built-in memory, and a removable storage unit, comprising:

an accepting unit to accept a request of the portable terminal related to a change of setting in the portable terminal; and

a sending unit to send mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal, responsive to the accepted request, the program code changing settings stored in both of in the built-in memory and the removable storage unit according to contents of the program code such that said portable terminal is configured to execute a different function.

16. (CURRENTLY AMENDED) A recording medium to store a program to remotely control a portable terminal having a built-in memory and a removable storage unit in a computer implemented method comprising:

accepting a request from the portable terminal related to a change of setting in the portable terminal; and

sending mail including a program code via the wireless communication link to the portable terminal to change setting of the portable terminal, responsive to the accepted request, the program code changing settings stored in both of the built-in memory and the removable storage unit according to contents of the program code such that said portable terminal is configured to execute a different function.

17. (CURRENTLY AMENDED) A cell phone upgrade system, comprising:

a cell phone including an internal memory and a removable external memory, and sending, via a wireless communication link, a request to upgraded setting of the cell phone;

an upgrade center to authenticate the cell phone and to allow upgrading thereof by sending an electronic mail including a program code via the wireless communication link to the cell phone to change settings thereof by changing the settings stored in both the internal and removable external memories such that said the cell phone is configured to execute a different function.

18. (NEW) A method for controlling a portable terminal via an external device using a wireless communication link, comprising:

sending an electronic mail in response to an accepted user's request related to a change of setting information of the portable terminal having a first function via the external device; and

remotely configuring the portable terminal to have a second function based on the change of setting information sent via the external device, wherein the electronic mail includes a computer program to collectively change contents of a built-in memory and a detachable storage medium of the portable terminal.